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04/07/2004 13:48 FAX 6508395071 FISH & RICHARDSON 1/001

Attorney's Docket No.: 15724-002681
 Case Ref. No.: 4032-250058

OFFICIAL COMMUNICATION FACSIMILE
 FOR THE PERSONAL ATTENTION OF:
EXAMINER CARLOS R. ORTIZ RODRIGUEZ

GROUP 2125 FAX NO: 703-746-7239

Number of pages including this page: 9
 Attorney: William E. Bales Art Unit: 2125
 Serial No.: 09/645,321 Examiner: Carlos R. Ortiz Rodriguez
 Filed: April 25, 2001
 Title: Method and Apparatus for Graphing Motion of Computer Aided Design (CAD)
 Geometry

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

See: Attached to this facsimile communication cover sheet is a Reservation of Power of Attorney with New Power of Attorney to Prosecute Applications Before the USPTO and Customs Under 37 CFR § 1.37(2), filed this 2nd day of April, 2004, to Examiner Rodriguez.

Brenda Linda Binder has been given limited recognition under 37 CFR § 1.37(c) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications where the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the application is a registered patentee who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 16, 2004, is attached hereto.

Please apply any charges or credits to deposit account 06-1050.

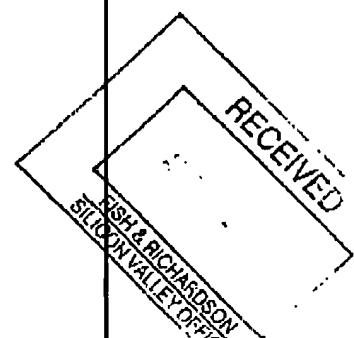
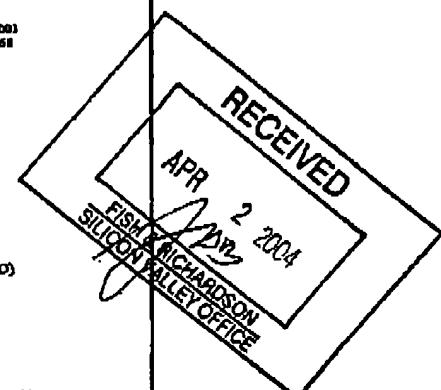
Respectfully submitted,

Brenda Linda Binder
 Brenda Linda Binder
 Limited Recognition under 37 CFR § 18.9(b)

Fish & Richardson P.C.
 200 Argonaut Street, Suite 500
 Redwood City, California 94063
 Telephone: (650) 528-5779
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PAGE 1B * RCVD AT 4/7/2004 12:28:50 PM [Eastern Standard Time] * FRCPTO:EFXRF-2/1 * DNIS:7469439 * CSID:6508395071 * DURATION (mm:ss):04:00



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FISH & RICHARDSON

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Attorney's Docket No.: 15786-006001
 Client's Ref. No.: P032-130068

OFFICIAL COMMUNICATION FACSIMILE**FOR THE PERSONAL ATTENTION OF:****EXAMINER CARLOS R. ORTIZ RODRIGUEZ****GROUP 2125 FAX NO: 703-746-7239**

Number of pages including this page	NINE
Applicant	William E. Bogan
Serial No.	09/843,321
Filed	April 25, 2001
Title	Method and Apparatus for Graphing Motion of Computer Aided Design (CAD) Geometry
Art Unit	2125
Examiner	Carlos R. Ortiz Rodriguez

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Attached to this facsimile communication cover sheet is a *Revocation of Power of Attorney with New Power of Attorney to Prosecute Applications Before the USPTO and Certificate Under 37 CFR §3.73(b)*, faxed this 2nd day of April, 2004, to Examiner Rodriguez.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 16, 2004, is attached hereto.

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Respectfully submitted,

Attorney's Docket No.: 15786-006001
Client's Ref. No.: P032-130068

OFFICIAL COMMUNICATION FACSIMILE**FOR THE PERSONAL ATTENTION OF:
EXAMINER CARLOS R. ORTIZ RODRIGUEZ****GROUP 2125 FAX NO: 703-746-7239**

Number of pages including this page	NINE
Applicant	: William E. Bogan
Serial No.	: 09/843,321
Filed	: April 25, 2001
Title	: Method and Apparatus for Graphing Motion of Computer Aided Design (CAD) Geometry

Art Unit : 2125
Examiner : Carlos R. Ortiz Rodriguez

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached to this facsimile communication cover sheet is a *Revocation of Power of Attorney with New Power of Attorney to Prosecute Applications Before the USPTO and Certificate Under 37 CFR §3.73(b)*, faxed this 2nd day of April, 2004, to Examiner Rodriguez.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 16, 2004, is attached hereto.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,


Brenda Leeds Binder
Limited Recognition under 37 CFR § 10.9(b)

Date: April 2, 2004

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50208312.doc

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Attorney's Docket No.: 15786-006001
Client's Ref. No.: P032-130068

OFFICIAL COMMUNICATION FACSIMILE FOR THE PERSONAL ATTENTION OF:
EXAMINER CARLOS R. ORTIZ RODRIGUEZ @ FAX NO: 703 - 746 - 9439

Number of pages Including this page **FOURTEEN**
RE:

Applicant : William E. Bogan Art Unit : 2125
Serial No. : 09/843,321 Examiner : Carlos R. Ortiz Rodriguez
Filed : April 25, 2001
Title : Method and Apparatus for Graphing Motion of Computer Aided Design (CAD) Geometry

Examiner Rodriguez:

This will confirm the telephone interview scheduled for **Tuesday, April 27, 2004 @ 11:00 a.m. EDT**.

Attached to this facsimile communication cover sheet are (1) *Limited Recognition under 37 CFR § 10.9(b)*, (2) *Proposed Amendment* and (3) *a copy of a Revocation of Power of Attorney with New Power of Attorney to Prosecute Applications Before the USPTO and Certificate under 37 CFR §3.73(b) [previously faxed April 2, 2004]*, faxed this 7th day of April, 2004, to Examiner Rodriguez.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 16, 2004, is attached hereto.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: April 7, 2004

Brenda Leeds Binder
Limited Recognition under 37 CFR § 10.9(b)

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**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATES PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Brenda Leeds Binder is hereby given limited recognition under 37 CFR § 10.9(b) as an employee of the Fish & Richardson P.C. law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Fish & Richardson P.C. law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Fish & Richardson P.C. law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Brenda Leeds Binder ceases to lawfully reside in the United States, (ii) Brenda Leeds Binder's employment with the Fish & Richardson P.C. law firm ceases or is terminated, or (iii) Brenda Leeds Binder ceases to remain or reside in the United States on a H1-B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

Expires: July 16, 2004



Harry I. Moatz
Director of Enrollment and Discipline

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William E. Bogan
Serial No. : 09/843,321
Filed : April 25, 2001
Title : METHOD AND A
COMPUTER AID

Art Unit : 2125
Examiner : Carlos R. Ortiz Rodriguez

PROPOSED AMENDMENT

1. (Currently Amended) A method comprising:
 - receiving an assembly of components, where a first component moves relative to a second component;
 - receiving a selection of a center of motion for the first component for an assembly of computer aided design (CAD) models of a mechanical design;
 - receiving a selection of a the first component of the assembly associated with the selected center of motion, where the motion of the first component relative to the second component is defined by reference to the center of motion; *of who?*
 - determining a range of motion for the first component;
 - receiving a selection of an origin for a grid pattern;
 - automatically generating the grid pattern based upon the determined range of motion; and
 - automatically displaying the grid pattern at the selected origin.

11. (Currently Amended) A method comprising:

receiving a selection of a component of an assembly of computer-aided design (CAD) models components of a mechanical design, where the component is associated with one or more constraints that define relationships of the component to one or more other components of the assembly;

determining a range of motion for the component based on the one or more constraints; and

automatically displaying a grid pattern based upon the determined range of motion for the component.